

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	1	"10/754917".app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 06:34
S8	2407	((700/259,245) or (318/568.12)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 16:49
S10	647	S8 and mobile with robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:55
S11	1339	S8 and (camera or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:55
S12	48	S8 and command with (grapical or textual or visual)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:56
S14	42	mobile with robot and (camera or optical) and command with (grapical or textual or visual)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:56
S15	2412	((700/259,245) or (318/568.12)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/25 14:12

## EAST Search History

S16	18	S15 and mobile with robot and (camera or optical) and command with (grapical or textual or visual)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:12
S17	651	S15 and mobile with robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:43
S18	1341	S15 and (camera or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:43
S19	386	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:43
S20	9	S19 and sift	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 14:44

## EAST Search History

S21	100	(("4314415") or ("4518361") or ("4519500") or ("4545517") or ("4577289") or ("4630831") or ("4809905") or ("4811415") or ("4905831") or ("4907162") or ("4948148") or ("5011160") or ("5309655") or ("5365575") or ("5383735") or ("5388922") or ("5406068") or ("5423054") or ("5444624") or ("5465381") or ("5486436") or ("5513131") or ("5519769") or ("5530951") or ("5536170") or ("5544749") or ("5550973") or ("5557512") or ("5559714") or ("5607187") or ("5623652") or ("5625429") or ("5635957") or ("5648936") or ("5659477") or ("5682427") or ("5682983") or ("5724305") or ("5725253") or ("5730469") or ("5742682") or ("5752263") or ("5764518") or ("5819273") or ("5880451") or ("5995894") or ("5999193") or ("6099576") or ("6101483") or ("6206372")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/25 15:56
S22	1042	"4314415" "4518361" "4519500" "4545517" "4577289" "4630831" "4809905" "4811415" "4905831" "4907162" "4948148" "5011160" "5309655" "5365575" "5383735" "5388922" "5406068" "5423054" "5444624" "5465381" "5486436" "5513131" "5519769" "5530951" "5536170" "5544749" "5550973" "5557512" "5559714" "5607187" "5623652" "5625429" "5635957" "5648936" "5659477" "5682427" "5682983" "5724305" "5725253" "5730469" "5742682" "5752263" "5764518" "5819273" "5880451" "5995894" "5999193" "6099576" "6101483" "6206372"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:52
S24	24	((PAOLO) near2 (PIRJANIAN)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:58

## EAST Search History

S25	4	((BARTON) near2 (LISTICK)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:36
S27	16	"5169155"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:37
S28	7	"6164552"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:37
S29	2113202	"6181839" b1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:38
S30	20	"5259907"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:38
S31	2113202	"6181839"near2 b1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:38
S32	1	"6181839b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:38

## EAST Search History

S33	3	"6181839 b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:39
S36	11	"6408331 b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:40
S38	2	"6647130 b2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:55
S45	2	"20030106642 a1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:04
S46	1042	"4314415" "4518361" "4519500" "4545517" "4577289" "4630831" "4809905" "4811415" "4905831" "4907162" "4948148" "5011160" "5309655" "5365575" "5383735" "5388922" "5406068" "5423054" "5444624" "5465381" "5486436" "5513131" "5519769" "5530951" "5536170" "5544749" "5550973" "5557512" "5559714" "5607187" "5623652" "5625429" "5635957" "5648936" "5659477" "5682427" "5682983" "5724305" "5725253" "5730469" "5742682" "5752263" "5764518" "5819273" "5880451" "5995894" "5999193" "6099576" "6101483" "6206372"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:04
S47	5082003	card or medium or substrate or indicia or punchcard	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:07

## EAST Search History

S48	3166213	robot or automaton or android or machine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:09
S49	6012407	command or instruction or rule or directive or order	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:09
S50	3279025	camera or ccd or imaging or cmos or infrared or optical scanner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:10
S51	725718	S47 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:10
S52	252095	S47 and S48 and S49 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:24
S53	62246	S52 and (mobile or portable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:29
S54	4918	("0000356").PN. or ((700/259,245) or (318/568.12) or (901/47) or (382/155) or (706/45-47) or (702/37)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/29 15:45

## EAST Search History

S55	5453	((700/259,245) or (318/568.12) or (901/47) or (463/9,23,) or (382/155) or (706/45-47) or (702/37)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/29 15:49
S56	1234	S52 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:22
S57	2	S56 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:52
S58	0	("2004/0193322").URPN.	USPAT	OR	ON	2007/01/29 16:16
S60	3022	(card or indicia) and (robot or automaton) and (camera or imaging or ccd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:32
S61	2322	(card or indicia) and (robot or automaton) and (camera or imaging or ccd)and (program or macro or sub-routine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:41
S62	1480	S61 and (command or token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:34
S63	40	S62 and sift	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:34

## EAST Search History

S64	3	S62 and "scale-invariant features"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:35
S65	38	"scale-invariant features"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:35
S66	199	(card or indicia) same (camera or imaging or ccd)same (robot or automaton)and (program or macro or sub-routine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:46
S67	194	S66 and card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:43
S68	17	(card or indicia) same (camera or imaging or ccd)same (robot or automaton)same (program or macro or sub-routine)same card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 16:46
S69	2416	((700/259,245) or (318/568.12)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 06:34
S70	199	(card or indicia) same (camera or imaging or ccd)same (robot or automaton)and (program or macro or sub-routine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 06:34



## EAST Search History

S71	47	S70 and S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 06:46
S72	0	indicia same visuall same computer same program same robot same camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 06:47
S73	3	indicia same visual same computer same program same robot same camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 06:47
S74	1	10/754917	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:24
S75	1	"60439047".rlan. or ("60".src. and "439047".ap.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:25
S76	16	"5169155"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S77	7	"6164552"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26

## EAST Search History

S78	20	"5259907"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S79	1	"6181839b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S80	3	"6181839 b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S81	12	"6408331 b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S82	2	"6647130 b2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S83	2	"20030106642 a1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26
S84	58	S76 or S77 or S78 or S81 S79 S80 S82 S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:26

## EAST Search History

S85	58	S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:53
S87	3	"20030037075"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:55
S88	6	("6483536"   "6505098").PN. OR ("6615109").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:55
S89	43258	sony	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:55
S90	43363	sony aibo	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:55
S91	43	sony and aibo	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 13:15
S92	13	sony and aibo and card	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 13:34
S93	0	sony and "Visual Pattern Recognition Technology"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 13:34
S94	24	sony and "Visual Pattern Recognition"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 14:08
S95	74	"Visual Pattern Recognition" and card	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 14:35
S96	19	"663089"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 16:56

## EAST Search History

S97	65	"4017721"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 07:28
S98	38	"3246126"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 07:29
S10 5	97	"4613942"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 11:04
S10 6	23	"5607187"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 11:04
S10 7	8	"6615109"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 11:18
S10 8	71	scale and invariant and sift	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 11:20
S10 9	25	scale and invariant and sift and lowe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 11:36

# EAST Search History

S11 0	2	"6733360"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 11:36
S11 1	7	("4729563"   "4894040"   "5267863"   "5723855"   "6167353"   "6362589"   "6482064").PN. OR ("6733360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 11:37
S11 3	115	"US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1" and card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:37
S11 4	49	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:37

## EAST Search History

S11 5	9	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and token	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:39
S11 6	4	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and sift	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:39

## EAST Search History

S11 7	41	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and product	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:50
S11 8	35	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:39

## EAST Search History

S11 9	33	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and command	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:39
S12 0	3	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and verify with indicia	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:38



## EAST Search History

S12 1	16	("US 4017721 A" "US 4119900 A" "US 4613942 A" "US 4630831 A" "US 4814987 A" "US 4907162 A" "US 4947867 A" "US 5169155 A" "US 5259907 A" "US D350125 S" "US 5373146 A" "US 5406068 A" "US 5465982 A" "US 5607187 A" "US 5682983 A" "US 5725253 A" "US 5764518 A" "US 5880451 A" "US 5899700 A" "US 6164552 A" "US 6181839 B1" "US 6408331 B1" "US 20020151992 A1" "US 6527191 B1" "US 20030106642 A1" "US 6615109 B1" "US 6647130 B2" "US 6722568 B2" "US 6724921 B2" "US 6733360 B2" "US 20040193322 A1" "US 6810816 B2" "US 20040230945 A1" "US 20050156318 A1") and different same surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:51
S12 2	1183	pattern and recognition and card and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:00
S12 3	0	pattern with recognition with card with robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:00
S12 4	0	pattern with recognition with card same robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:00
S12 5	6	pattern with recognition with card and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:01

## EAST Search History

S12 6	74	pattern same recognition same card and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:08
S12 7	36	lowe-david.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:08
S12 8	0	lowe-david.in. and invariant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:09
S12 9	3	lowe-david.in. and scale	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:10
S13 0	11	"6711293"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:10
S13 1	14	("3069654"   "4907156"   "5119444"   "5436979"   "5598481"   "5617459"   "5666441"   "5764802").PN. OR ("6711293"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 16:11
S13 2	14	("3069654"   "4907156"   "5119444"   "5436979"   "5598481"   "5617459"   "5666441"   "5764802").PN. OR ("6711293"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 16:17

## EAST Search History

S13 3	56	mark-sense and paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:08
S13 4	14	mark-sense and paper and machine and human and program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:15
S13 5	8	mark-sense and paper and machine and human and program and card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:16
S13 6	28	("4813077"   "4907285"   "5031223"   "5040227"   "5054096"   "5101448"   "5151948"   "5202977"   "5274468").PN. OR ("5832100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 10:24
S13 7	101	optical with marked with cards	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 10:46
S13 8	40	"4724307"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 10:45
S13 9	4	optical with marked with cards and arithmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 10:48

## EAST Search History

S14 0	28	programming with marked with cards and arithmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:04
S14 1	6479	punched adj card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:05
S14 2	2288	punched adj card and program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:05
S14 3	2	punched adj card and program and arithmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:06
S14 4	2	punched adj card and arithmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:06
S14 5	478	punched adj card and arithmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:06
S14 6	360	punched adj card and program and arithmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:18

## EAST Search History

S14 7	71	punched adj card and program and arithmetic and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:18
S14 8	70	punched adj card and program and arithmetic and optical and data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:28
S14 9	18	punched adj card and program and arithmetic and optical and data and calculator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 11:19
S15 0	19	punched adj card and program and arithmetic and optical and data and mark and sense	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 13:39
S15 1	260591	ibm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 13:39
S15 2	2017	ibm and punch and card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 13:39
S15 4	910	ibm and punch and card and optical and program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 13:39

## EAST Search History

S15 5	1618	token and command and indicia and program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:03
S15 6	497	token and command and indicia and program and card and human and machine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:03
S15 7	369	token and command and indicia and program and card and human and machine and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:04
S15 8	23	token and command and indicia and program and card and human and machine and optical and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:14
S15 9	11	"6711293"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:11
S16 0	14	("3069654"   "4907156"   "5119444"   "5436979"   "5598481"   "5617459"   "5666441"   "5764802").PN. OR ("6711293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 14:12
S16 1	2418	((700/259,245) or (318/568.12)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 14:13

## EAST Search History

S16 2	3	S155 and S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:13
S16 3	78	token and command and indicia and program and card and human and machine and optical and vision	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:17
S16 4	60	token and command and indicia and program and card and human and machine and optical and vision and programming	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:18
S16 5	493	token and card and command and human and machine and indicia and program and computer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:32
S16 6	16	token and card and command and human and machine and indicia and program and computer and different near surfaces	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:33
S16 7	2418	((700/259,245) or (318/568.12)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 15:36
S16 8	33	S167 and indicia	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:40

## EAST Search History

S17 2	66	machine same human same indicia same different same (surface or side)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:42
S17 3	2	machine same human same indicia same different near (surface or side)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:43
S17 4	20	machine same human same indicia same different with (surface or side)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:43
S17 5	38	("5019436"   "5206626"   "5331313"   "5343647"   "5353011"   "5587703"   "5628858"   "5632511"   "5707713"   "5714935"   "5790029"   "5844485"   "5867102"   "5880675"   "5884425"   "5982284"   "5989708"   "6015589"   "6019865"   "6025780").PN. OR ("6281795"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 15:52
S17 6	383381	gift card	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 15:52
S17 7	6092	gift and card	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 15:52
S17 8	1283	gift and card and human and machine and different	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 15:53
S17 9	7	"6711293 b1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 09:53



## EAST Search History

S18 0	37	"5083816"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 09:54
S18 1	17	"3989929"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 09:54